OIPE JC109
NOV 21 2003
PATENT & TRADEMARK OFFICE

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	J. Christopher Flaherty, et al.
Serial No:	10/681,731
Filing Date:	October 8, 2003
Title:	Transcutaneous Delivery Means
Docket No:	59249-0158 (INSL-114DV)

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail under 37 CFR 1.8(a) in an envelope addressed to Mail Stop DD, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Date: 11/18/03

Zhang
JIN ZHANG

Mail Stop DD
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. §1.56, §1.97 and §1.98, Applicants hereby submit an information disclosure statement with information cited on the attached PTO-1449 form. According to the United States Patent and Trademark Office OG Notices: 05 August 2003, copies of the U.S. patents and patent application publications are waived and are not submitted with this Statement.

This Statement is being filed within three months after the filing date of the application.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, the Applicant understands that the Examiner will make an independent evaluation of the cited publications.

No additional costs are believed to be due in connection with the filing of this disclosure.

However, please charge any necessary fees to our Deposit Account No. 50-1133.

Respectfully submitted,

Date: 11-13-03

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Subst. Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION *(Use several sheets if necessary)*	Docket Number (Optional) 59249-158 (INSL-114DV)	Application Number 10/681,731
	Applicant Flaherty, et al.	
	Filing Date 10/8/2003	Group Art Unit

U. S. Patent Documents

EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,067,000	1/3/78	Carlson			
		4,151,845	5/1/79	Clemens			
		4,211,998	7/8/80	Junginger et al.			
		4,231,019	10/28/80	Junginger et al.			
		4,364,385	12/21/82	Lossef			
		4,373,527	2/15/83	Fischell			
		4,424,720	1/10/84	Bucchianeri			
		4,435,173	3/6/84	Siposs et al			
		4,469,481	9/4/84	Kobayashi			
		4,475,901	10/9/84	Kraegen et al.			
		4,498,843	2/12/85	Schneider et al			
		4,514,732	4/30/85	Hayes Jr.			
		4,529,401	7/16/85	Leslie et al.			
		4,559,033	12/17/85	Stephen et al.			
		4,559,037	12/17/85	Franetzki et al.			
		4,560,979	12/24/85	Rosskopk			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
		EP0867196	13.03.98	E				
		0342947	17.05.89	Europe				
		WO81/01658	25.06.81	WIPO				

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

		Web-Site Brochure dated 1/4/00. MiniMed 508. "Doing its job. Naturally." www.minimed.com/tiles/mm_113.htm
		Web-Site Brochure dated 12/20/99. Applied Medical Technology. "508 Pump Information". www.applied-medical.co.uk/508.htm
		Web-Site Brochure dated 1/4/00. "The Glucose Sensor". www.animascorp.com/sensor_f.html

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

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Substitute Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

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59249-158 (INSL-114DV)	10/681,731
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U. S. Patent Documents

EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,562,751	1/7/86	Nason et al.			
		4,585,439	4/29/86	Michel			
		4,601,707	7/22/86	Albisser et al.			
		4,634,427	1/6/87	Hannula et al.			
		4,678,408	7/7/87	Nason et al.			
		4,684,368	8/4/87	Kenyon			
		4,685,903	8/11/87	Cable et al.			
		4,781,693	1/1/88	Martinez et al.			
		4,855,746	8/8/89	Stacy			
		4,886,499	12/12/89	Cirelli et al.			
		4,969,874	11/13/90	Michel et al.			
		5,007,458	4/16/91	Marcus et al.			
		5,062,841	11/5/91	Siegel			
		5,176,662	1/5/93	Bartholomew et al.			
		5,213,483	5/25/93	Flaherty et al.			
		5,257,980	11/2/93	Van Antwerp et al.			
		5,254,096	10/19/93	Rondelet et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
		WO98/01071	15.01.98	WIPO				
		WO86/06796	20.11.86	WIPO				
		WO99/62576	09/12/99	WIPO				

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

		Web-Site Brochure dated 12/20/99. "The Animas R-1000 Insulin Pump". www.animascorp.com/pump_f_s.html
		Web-Site Brochure dated 12/20/99. "The Animas R-1000 Insulin Pump". www.animascorp.com/pump_f_f.html
		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/intro2.htm

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EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,244,463	9/14/93	Cordner, Jr. et al			
		5,242,406	9/7/93	Gross et al			
		5,643,213	7/1/97	McPhee			
		5,630,710	5/20/97	Tune et al.			
		5,545,152	8/13/96	Funderburk et al			
		5,533,389	7/9/96	Kamen et al.			
		5,505,709	4/9/96	Funderburk et al.			
		5,492,534	2/20/96	Athayde et al.			
		5,411,480	5/2/95	Kriesel			
		5,318,540	6/7/94	Athayde et al.			
		5,312,337	5/17/94	Flaherty et al.			
		405,524	2/9/99	Falk et al.			
		5,702,363	12/30/97	Flaherty			
		5,695,490	12/9/97	Flaherty et al.			
		5,665,065	9/9/97	Colman et al.			

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/product2.htm
		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/product3.htm
		Web-Site Brochure dated 1/4/00. SOOIL-Homepage. "Portable Insulin Pump". www.sooil.com/product4.htm

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EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,647,853	7/15/97	Feldmann et al.			
		5,755,682	5/26/98	Knudson et al.			
		6,071,292	6/6/00	Makower et al.			
		6,019,747	2/1/00	McPhee			
		5,997,501	12/7/99	Gross et al.			
		5,957,890	9/28/99	Mann et al.			
		5,954,699	12/21/99	Jost et al.			
		5,954,058	12/21/99	Flaherty			
		5,911,716	6/15/99	Rake et al.			
		5,906,597	5/25/99	McPhee			
		5,886,647	3/23/99	Badger et al.			
		5,848,991	12/15/98	Gross et al.			
		5,840,063	11/24/98	Flaherty			
		5,814,020	9/29/98	Gross			
		5,810,015	9/22/98	Flaherty			

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EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,800,405	9/1/98	McPhee			
		5,785,688	7/28/98	Joshi et al.			
		5,785,681	7/28/98	Indravudh			
		5,779,676	7/14/98	Kriesel et al.			
		5,776,103	7/7/98	Kriesel et al.			
		5,748,827	5/5/98	Holl et al.			
		5,741,228	4/21/98	Lambrecht et al.			
		5,726,751	3/10/98	Altendorf et al.			
		5,726,404	3/10/98	Brody			
		5,704,520	1/6/98	Gross			
		5,845,218	12/1/98	Altschul			
		6,061,580	5/9/00	Altschul et al.			
		5,983,094	11/9/99	Altschul et al.			
		5,965,848	10/12/99	Altschul et al.			
		5,875,393	2/23/99	Altschul et al.			

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EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,144,847	11/7/00	Altschul et al.			
		4,268,150	5/19/81	Chen			
		311,735	10/30/90	Aran et al.			
		306,691	3/20/90	Arai			
		5,576,781	11/19/96	Deleeuw			
		5,452,033	12/19/95	Balling et al.			
		5,239,326	8/24/93	Takai			
		5,045,871	9/3/91	Reinholdson			
		4,973,998	11/27/90	Gates			
		4,882,600	11/21/89	Van de Moere			
		4,801,957	1/31/89	Vandemoere			
		315,727	3/26/91	Arai et al.			
		303,013	8/22/89	Konopka			
		4,624,661	11/25/86	Arimond			
		4,108,177	8/22/78	Pistor			

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EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,624,661	11/25/86	Arimond			
		4,755,173	7/5/88	Konopka et al.			
		4,898,579	2/6/90	Groshong et al.			
		5,109,850	5/5/92	Blanco et al.			
		5,205,819	4/27/93	Ross et al.			
		5,244,463	9/14/93	Cordner, Jr. et al.			
		5,433,710	7/18/95	Van Antwerp et al.			
		5,584,813	12/17/96	Livingston et al.			
		5,637,095	6/10/97	Nason et al.			
		5,660,728	8/26/97	Saaski et al.			
		5,839,467	11/24/98	Saaski et al.			
		5,851,197	12/22/98	Marano et al.			
		5,935,099	8/10/99	Peterson et al.			

FOREIGN PATENT DOCUMENTS

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O.I.P.E. JC103 NOV 21 2003 PATENT & TRADEMARK

Subst. Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number
59249-158 (INSL-114DV)	10/681,731
Applicant	Flaherty, et al.
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Group Art Unit	

U. S. Pa Documents

EXAMINER INTIIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,232,439	8/3/93	Campbell et al.			
		5,281,202	1/25/94	Weber et al.			
		5,342,313	8/30/94	Campbell et al.			
		5,514,096	5/7/96	Hiejima			
		5,575,770	11/19/96	Melsky et al.			
		5,665,070	9/9/97	McPhee			
		5,797,881	8/25/98	Gadot			
		5,891,097	4/6/99	Saito et al.			
		5,897,530	4/27/99	Jackson			
		6,152,898	11/28/00	Olsen			
		5,637,095	6/10/97	Nason et al			
		5,919,167	7/6/99	Mulhauser et al.			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
		WO01/52727	17.01.01	WIPO				
		WO00/78210	15.06.00	WIPO				
		WO00/74752	30.05.00	WIPO				
		WO00/19887	20.09.99	WIPO				

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

		User's Guide for Model 508 Insulin Pump, MiniMed, 8/00, 145 pages

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		4,559,037	12/17/85	Franetzki et al			
		4,734,092	3/29/88	Millerd			
		5,582,593	12/10/96	Hultman			
		5,747,350	5/5/98	Sattler			
		5,245,447	9/14/93	Stemmle			
		3,885,662	5/27/75	Schaefer			
		6,363,609	4/2/02	Pickren			
		5,507,288	4/16/96	Böcker et al			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
		WO98/00193	08.01.98	WIPO				
		WO99/56803	11.11.99	WIPO				
		WO0010628	02.03.00	WIPO				
		WO00/29047	25.05.00	WIPO				
		WO01/5663	09.08.01	WIPO				
		WO02/20073	14.03.02	WIPO				

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		5,858,005	1/12/99	Kriesel			
		5,931,814	8/3/99	Alex, et al.			
		4,781,688	11/1/88	Thoma, et al.			
		4,836,752	6/6/89	Burkett			
		3,631,847	1/4/72	Hobbs			
		5,993,423	11/30/99	Choi			
		5,800,397	9/1/98	Wilson			
		3,812,843	5/28/74	Wootten, et al.			
		4,808,161	2/28/89	Kamen			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
		WO01/76684	10/18/01	WIPO				
		EP0937475	8/25/99	EP				
		DE4200595	7/15/93	GERMANY				X
		WO00/29049	5/25/00	WIPO				
		WO00/61215	10/19/00	WIPO				
		WO00/48112	8/17/00	WIPO				
		WO00/30705	6/2/00	WIPO				
		EP0763369	3/19/97	E				
		DE19920896	9/11/0	ERMANY				X

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		5,961,492	10/5/99	Kriesel, et al.			
		6,527,744	3/4/03	Kriesel, et al.			
		6,174,300	1/16/01	Kriesel, et al.			
		4,551,134	11/5/85	Slavik, et al.			
		5,364,342	11/15/94	Beuchat, et al.			
		4,507,115	3/26/85	Kambara, et al.			
		5,178,609	1/12/93	Ishikawa			
		6,190,359	2/20/01	Heruth			
		6,375,638	4/23/02	Nason			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
		WO99/10040	3/4/99	WIPO				
		WO02/26282	4/4/02	WIPO				

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		4,944,659	7/31/1990	Labbe, et al.			
		5,346,476	9/13/1994	Elson			
		6,520,936	2/18/2003	Mann			

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Serial No:	10/681,731
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Title:	Transcutaneous Delivery Means
Docket No:	59249-0158 (INSL-114DV)

CERTIFICATE OF MAILING (37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail under 37 CFR 1.8(a) in an envelope addressed to Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Date: 11/18/03

Jin Zhang

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Applicant encloses herewith for filing in connection with the above-referenced patent application the following documents:

1) Information Disclosure Statement;
2) Form 1449;
3) Cited references (without U.S. Patents and Patent Application Publications); and
4) Acknowledgment Postcard.

No additional costs are believed to be due in connection with the filing of this disclosure. However, please charge any necessary fees to our Deposit Account No. 50-1133.

Respectfully submitted,

Date: 11-13-03

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